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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/492,030	01/25/2000	La Vaughn F. Watts Jr.	16356.516	9363

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HAYNES AND BOONE, LLP  
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DALLAS, TX 75202

EXAMINER

DAVIS, TEMICA M

ART UNIT	PAPER NUMBER
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2681

DATE MAILED: 10/24/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/492,030

Applicant(s)

Watts, Jr. et al.

Examiner

Temica M. Davis

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on Jan 25, 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claims \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some\* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\*See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s). 3 6) ☐ Other:

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## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-4, 13-15 and 22-24 are rejected under 35 U.S.C. 102(b) as being anticipated by Maroun et al (Maroun), U.S. Patent No. 5,300,938.

Regarding claim 1, Maroun discloses a receptacle assembly, comprising: a body; a data transfer portion attached to the body; and a wireless communication portion attached to body, the wireless communication portion including an antenna connector attached to the body (col. 1, line 64-col. 2, line 21, col. 3, lines 4-28 and col. 4, lines 11-37).

Regarding claim 2, Maroun discloses the receptacle assembly of claim 1, wherein the wireless communication portion includes a substantially integral antenna (col. 3, lines 6-14).

Regarding claim 3, Maroun discloses the receptacle assembly of claim 1 wherein the wireless communication portion includes a controlled impedance interface connected to the connector (col. 3, lines 29-41).

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Regarding claim 4, Maroun discloses the receptacle assembly of claim 3, wherein the controlled impedance interface is a coaxial-type cable (col. 3, lines 41-57).

Regarding claim 13, Maroun discloses a communication apparatus, comprising: a wireless communication device; a network interface device (computer); a receptacle assembly body; a data transfer portion attached to the receptacle assembly body, the data transfer portion being electrically connected to the network interface device; and a wireless communication portion attached to receptacle assembly body, the wireless communication portion being electrically connected to the wireless communication device (col. 1, line 64-col. 2, line 21, col. 3, lines 4-28 and col. 4, lines 11-37).

Regarding claim 14, Maroun discloses the apparatus of claim 13 wherein the wireless communication device includes a radio and wherein the wireless communication portion includes an antenna attached to the radio (col. 4, lines 11-37).

Regarding claim 15, Maroun discloses the apparatus of claim 13 wherein the wireless communication device includes a radio and wherein the wireless communication portion includes an antenna connector attached to the radio (col. 4, lines 11-37).

Regarding claim 22, Maroun discloses the apparatus of claim 13 wherein the wireless communication portion includes a connector electrically connected to the wireless communication device (col. 4, lines 11-37).

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Regarding claim 23, Maroun discloses the apparatus of claim 13 further comprising: a controlled impedance interface connected between the wireless communication device and the wireless communication portion (col. 3, lines 29-61).

Regarding claim 24, Maroun disclose a computer system, comprising: inherently an enclosure; inherently a microprocessor mounted in the enclosure; inherently a system memory coupled to provide storage to facilitate execution of computer programs by the microprocessor; an input coupled to provide input to the microprocessor; inherently a video controller coupled to the processor; inherently a mass storage coupled to the microprocessor as evidenced by the fact that its a computer (col. 3, lines 65-col. 4, line 4); a wireless communication device electrically connected to the microprocessor; a network interface device electrically connected to the microprocessor; a receptacle assembly body; a data transfer portion attached to the receptacle assembly body, the data transfer portion being electrically connected to the network interface device; and a wireless communication portion attached to receptacle assembly body, the wireless communication portion being electrically connected to the wireless communication device (col. 1, line 64-col. 2, line 21, col. 3, lines 4-28 and col. 4, lines 11-37).

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior

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art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 6, 7, 16 and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Maroun.

Regarding claims 6, 7, 16 and 17 Maroun discloses the receptacle assembly of claims 1 and 13 as described above. Maroun, however, fails to disclose the assembly further comprised of a manually operable switch, wherein the switch is manually movable between a first position and a second position.

The examiner, contends, however, that at the time of invention, such a feature would have been obvious to a person of ordinary skill in the art since switches are widely used in order to switch circuitry between an on and off position.

5. Claims 5, 8-12 and 18-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Maroun in view of Bell, U.S. Patent No. 5,613,873.

Regarding claims 5 and 8, Maroun discloses the receptacle assembly of claims 1 and 7 as described above. Maroun, however, fails to disclose wherein the data transfer portion includes an RJ45-type receptacle including a plurality of contacts.

In a similar field of endeavor Bell discloses a modular jack with integral LED. Bell further discloses an RJ45-type receptacle including a plurality of contacts (col. 1, lines 8-21, col. 2, lines 45-55).

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At the time of invention it would have been obvious to a person of ordinary skill in the art to modify the data transfer portion of Maroun with the teachings of Bell for the purpose of minimizing space in the circuitry.

Regarding claims 9 and 18, Maroun discloses the receptacle assembly of claims 1 and 13 as described above. Maroun, however, fails to disclose wherein the receptacle assembly further includes a plurality of illumination devices attached to the body.

Bell reads on this limitation (col. 3, lines 34-50).

At the time of invention it would have been obvious to a person of ordinary skill in the art to modify Maroun with the teachings of Bell for the purpose of indicating the status connections of the circuitry (Bell, col. 2, lines 44-54).

Regarding claims 10 and 19, the combination of Maroun and Bell discloses the receptacle assembly of claims 9 and 18 wherein each one of the illumination devices includes a light emitting diode (Bell, col. 3, lines 34-50).

Regarding claims 11 and 20, the combination of Maroun and Bell discloses the receptacle assembly of claims 9 and 18 wherein each one of the illumination devices includes a light conducting member having a cavity therein for receiving a powered illumination device (Bell, col. 3, lines 34-50).

Regarding claim 12, the combination of Maroun and Bell discloses the receptacle assembly of claim 9 wherein the data transfer portion includes an RJ45-type receptacle including a plurality of contacts (Bell, col. 3, lines 11-16).

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Regarding claim 21, the combination of Maroun and Bell discloses the apparatus of claim 20 wherein each one of the powered illumination device includes a light emitting diode electrically connected to the wireless communication device (Bell, col. 3, lines 34-50).

***Conclusion***

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Broadbent, U.S. Patent No. 5,505,633, discloses an integral external connector interface for thin foam factor computer cards.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Temica M. Davis whose telephone number is (703) 306-5837. The examiner can normally be reached on Monday-Thursday from 7:00 am to 4:00 pm. The examiner can also be reached on alternate Fridays.

If attempts to reach the examiner are unsuccessful, the examiner's supervisor, Sinh Tran, can be reached on (703) 305-4040.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to TC2600 Customer Service whose telephone number is (703)306-0377.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**or faxed to:**



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(703) 872-9306 (for any communications intended for entry).

*Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington.*

*VA., Sixth Floor (Receptionist).*

TMD  
October 20, 2003



**TEMICA M. DAVIS**  
**PATENT EXAMINER**